

Abhinav Rai

Final Year | Electronics Engineering | REC Kannauj
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EDUCATION

RAJKIYA ENGINEERING COLLEGE KANNAUJ B.TECH IN ELECTRONICS ENGINEERING

June 2024 | Kannauj, India
CGPA: 7.5/10

ST. XAVIER'S HIGH SCHOOL

Class 12 | CBSE
May 2019 | Azamgarh, India
Percentage: 82.4

ST. XAVIER'S HIGH SCHOOL

Class 10 | CBSE
May 2017 | Mau, India
Cgpa: 10

SKILLS

PROFICIENT SKILLS

- Data Structure and Algorithms
- C++
- Python
- HTML
- CSS

FRAMEWORKS

- TailwindCSS

OTHER SKILLS

- NodeJs
- ExpressJs

COURSEWORK

MOOC'S

- Enhancing Soft Skills and Personality

LINKS

GitHub:// [Abhinavrai1](#)
LinkedIn:// [ABHINAV RAI](#)
LeetCode:// [Abhinav123](#)
CodeChef:// [abhinavrai1](#)
GeeksforGeeks:// [abhinavrai8432](#)
Hackerrank:// [abhinavrai8432](#)

INTERNSHIP

- 4 Week Internship from BLW Varanasi under different training areas which include Ac Plant, LTS, MRS and TAS.

PROJECTS

NUMBER PLATE RECOGNITION AND HARDWARE IMPLEMENTATION | SELF PROJECT

Sep 2023 - Working

- Developing an advanced Number Plate Recognition (NPR) system using YOLO, Python, OpenCV, and TensorFlow for accurate and efficient license plate detection.
- Proficient character extraction using EasyOCR, enhancing document processing efficiency and accuracy in various applications.
- Integrated with **Python**.
- Library Used: **OpenCV, TensorFlow, MobileNet-v2**

REAL TIME FACE RECOGNITION | SELF PROJECT

Feb 2023 - April 2023

- Developed and implemented a Real Time Face Recognition Project using Haar Cascade Algorithm, achieving an accuracy rate of 95% and reducing manual identification time by 70%.
- Integrated with **Python**.
- Library Used: **OpenCV, NumPy**

RAZORPAY CLONE | SELF PROJECT

Dec 2022 - Jan 2023

- Technology Stack: Proficiently utilized HTML for structuring, CSS for styling, and Tailwind CSS for efficient and modular design.,
- Responsive Design: Developed a fully responsive design to ensure optimal performance on various devices, contributing to a positive user experience
- Designed using **HTML CSS, Media Query** and Animations
- Tech-Stack: **HTML, CSS, Tailwind**

AUTOMATED STREET LIGHT | SELF PROJECT

Mar 2022 - May 2022

- Designed and organised an automated street light control system using Arduino Uno microcontroller.
- Utilized Light Dependent Resistor LDR to sense ambient light levels for intelligent street light activation.
- Proficient in Arduino programming and interfacing with sensors. Hands-on experience in hardware integration and circuit design.
- Conducted thorough testing to validate the system's functionality under different lighting scenarios, ensuring a 98% success rate.

CERTIFICATIONS

- Accomplished the NPTEL MOOCs course in Enhancing Soft Skills and Personality, enhancing interpersonal abilities and fostering a well-rounded professional profile, NPTEL | Feb 2022 |

CO-CURRICULAR EXPERIENCE

- Membership in the IEEE Power Electronics Society, showcasing a commitment to staying at the forefront of industry trends and building a strong professional network.